

ORIGINAL



0000063604

ARROYO WATER COMPANY, II  
HC 6 BOX 1048 L  
PAYSON, ARIZONA 85541  
928-474-1766  
FAX: 928-474-7812

2802

November 14, 2006

**Docket Control Center**  
Arizona Corporation Commission  
1200 W. Washington  
Phoenix, Arizona 85541  
Phone: 602-542-3477

**Docket No. W-04286A-04-0774**

**Re: Recommended Support Relief Response to Items No. 1 through 8**

Item 1. Attached current Water User Data Sheet

Item 2. Customer Service requests for outside the original area

Item 3. Proper notice to Arroyo Customers is attached

Item 4. The annual reports for Arroyo Water Company will follow for the years 2003 and 2004.

Item 5. Item 5 is addressed with the attached letter

Item 6. Arsenic chemicals information is provided in the attached reports

Item 7. Franchise approval will follow

Item 8. Item 8 is addressed in the letter included with Item No. 5

Thank you for your assistance and patience is helping us remedy the issues Staff Report dated June 24, 2005, "Executive Summary".

Sincerely,

Kacy Parker  
Kyle Parker

RECEIVED  
2006 NOV 15 2:45  
AZ CORP COMMISSION  
DOCUMENT CONTROL

Arizona Corporation Commission  
**DOCKETED**  
NOV 15 2006

DOCKETED BY	nr
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- According to Utilities Division's Consumer Services Database, there were eight complaints, inquiries and/or opinions received from 2003 through June 14, 2005. They include one billing address inquiry, one no bill received, two billing disputes, two outages (one low pressure and one interruption – no water), and two inquiries on CC&N.

### **Recommendation**

In order for Staff to determine whether or not to support the relief requested by the Arroyo Water, Staff needs additional information in order to complete its review and analysis. As such, Staff recommends:

1. That the Company be required to provide its water use data sheet.
2. That the Company be required to provide the requests for service from property owners in the service territory that is covered by the CC&N application that are outside the original Sheer Speed CC&N area.
3. That the Company be required to provide evidence or an affidavit that proper notice was provided to the affected customers regarding the application for CC&N and for approval of sale of assets.
4. That the Company be required to file its annual reports for the years 2003 and 2004.
5. That the Company be required to provide to Staff information about the proposed new well and the proposed additional storage. In addition, the Company should be required to provide a description of what the Company plans to do to meet production and storage needs and the time table for completion. The information should include information such as well ID number, production capacity and water quality of the well, location of proposed storage tank, size and how it will be tied to the system.
6. That the Company be required to provide arsenic concentration levels for the existing well and the proposed well. If either well has an arsenic concentration higher than 10 ppb, the Company shall also submit an arsenic treatment plan.
7. That the Company be required to provide the Gila County franchise approval for the area being requested.
8. That the Company be required to provide a certification, receipt and/or cancelled check from Gila County Treasurer's Office that all liens have been paid.

With regards to the proposed rates and charges, Staff recommends:

1. That the Company be required to charge the rates and charges noted at Exhibit I. In addition to collection of its regular rates and charges, the Company may collect from
-

#1  
DOCKET NO. W-04286A-04-0774

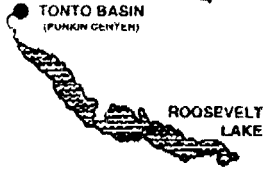
**Arroyo Water Company**

water use

MONTH	2003	2004	2005	2006
JAN	246010	303440	332090	354290
FEB	265600	274730	234310	423050
MAR	187490	328480	190950	473290
APR	192950	557990	272870	507410
MAY	493620	686200	632690	696520
JUN	758800	1028370	1015700	907510
JUL	949860	1160870	1028650	1046950
AUG	957040	1003460	1052750	1035900
SEP	665150	781630	873310	907290
OCT	657970	659660	854600	811520
NOV	680510	531400	672780	683310
DEC	347600	341310	499750	

**TOTALS 6404603 7659544 7662455 7849046**

Docket No. W-04286A-04-0774

**RAMBO Realty**  
and InvestmentP.O. Box 760 • Tonto Basin, Arizona 85553  
(520) 479-2215 • (520) 479-2512  
FAX (520) 479-2309Curt Rambo  
Crappies  
Margaret Rambo  
Broker

NOVEMBER 10, 2006

**ARROYO WATER COMPANY**  
**ATTN KACY PARKER**  
HC6 Box 1048L  
PAYSON, AZ 85541**TO WHOM IT MAY CONCERN:**

Enclosed please find a list of property owners who need water that can be supplied by Arroyo Water Co.

It is our understanding that the previous owner Richard Williamson needs to complete the transfer of ownership of Arroyo Water Co. to you so that you can put in the equipment necessary to improve the system to be able to serve the property owners.

It is also our understanding that you have on hand the necessary storage, equipment and improvements ready to install if you can get this transfer of ownership completed.

We ask that the Arizona Corporation Commission take action so that you can upgrade the water system and serve the property owners as quickly as possible.

We support your efforts to get this accomplished. Please let us know if we can be of assistance in any way in this matter.

Sincerely

  
Margaret Rambo  
Broker

*Docket # W-04286A-04-0774*

**A PARTIAL LIST OF PROPERTY OWNERS NEEDING WATER FROM ARROYO WATER CO.**

**MICHAEL MCMEANS**  
30 East Brown  
Mesa, AZ 85201

**Robert Phoenix**  
11212 Holliday Hills Dr  
El Cajon, CA 92020

**WILLIAM FITZ**  
902 N Wm Tell Circle  
Payson, AZ 85541

**Jonnell Reno**  
10555 S 3010 West  
South Jordan, Utah 84095

**Michael Runzo**  
HC1 Box 5267 M  
Payson, AZ 85541

**Travis Williams**  
P O Box 24  
Tonto Basin, AZ 85553

**David Roberge**  
2500 West Graff Dr.  
Payson, AZ 85541

**Larry Romine**  
14663 S 24th Place  
Phoenix, AZ 85048

**Clyde London**  
3820 West Camino Nuestro  
Tucson, AZ 85745

**Charles Bottarin i**  
344 East Pasedina  
Phoenix, AZ 85012

**Robert Halenar**  
1500 East Frontier  
Payson, AZ 85541

**Allan Felten**  
HC1 Box 5267 K  
Payson, AZ 85541

**Greg Thalheimer**  
815 Homestead  
Flagstaff, AZ 86001

**Herbert Messer**  
204 S. Kodz  
Payson, AZ 85553

**Klaus Halmer**  
P O Box 42  
Tonto Basin, AZ 85553

**Steve Shouse**  
808 East Sunburst  
Oro Valley AZ 85704

**Paul Hodges**  
6625 West Pershing  
Glendale AZ 85304

**David Stogsdill**  
368 No Evani Ave  
Benson, AZ 85602

**Deborah Norton**  
710- West Alamo Dr.  
Chandler, AZ 85226

Item # 2

DOCKET NO. W-04286A-04-0774



**To: Tony Vlahopoulos**  
**Fax # 928-474-1766 7812**

**Date: 11/9/2006**

## A Facsimile from:

**Ewing Land Cattle Co.**

**Linda G. Ewing, Broker**

928-479-2411 Office

928-479-2405 Fax

928-978-4448 Cell

P.O. Box 146

Tonto Basin, AZ. 85553

Email: Lindagewing@yahoo.com

**Re: Arroyo Water Co. PAGES 3**

Tony: Please read this over and call me with any changes you would like me to ad.  
Marsha L. Warner 928-479-2411

Item # 2  
Docket # W-04286A-04-0774

An Arizona Real Estate Co.  
**EWING LAND & CATTLE CO.**  
*Linda G. Ewing/Broker*  
Office: 928-479-2411/Fax: 928-479-2405  
www.tontobasinrealestate.com  
P.O. Box 146  
Tonto Basin, Arizona 85553

November 9, 2006

Arizona Corporation Commission

To Whom It May Concern:

Re: Arroyo Water Company

As the Real Estate Broker for the sales for most of the properties that are in the Arroyo Water Company District, I understand the problems that Arroyo Water Company has been going through. Kyle and Kacy Parker purchased Arroyo Water Co. from Mr. Richard Williamson and to date it still has not been transferred to their names.

I have known Kyle Parker for 30 years and he has always, to my knowledge, been honest and capable in his dealings as a business man.

It is my understanding that he has purchased all new water tanks and pumps to fulfill his obligations to his customers and also to serve the new buyers of property in Punkin Center, but is hesitant to install them due to the fact that Mr. Williamson has never signed off even though they have paid for the purchase of the Arroyo Water Co.

I certainly understand Mr. Parker's position on not wanting to put any money into the system until it is in his name.

Richard Williamson needs to transfer his ownership to Kyle and Kacy Parker, so that they can proceed with the improvements that are needed to serve the customers and also new owners of property in the area, as Arroyo Water Co. is the only source of water in the area.

We, as residents of the Tonto Basin area would greatly appreciate whatever the Arizona Corporation Commission can do to expedite this matter.

Attached is a list of perspective customers in the area waiting to improve their land according to Gila County they need a source of water to apply for a building permit.

Respectfully yours,

Linda G. Ewing/Broker

Item  
#2

Docket # W-04286A-04-0774

List of Potential Customers.

These people are willing to pay their fair share in extending water lines to their property.

Martin Fairbank, 929 E. Loma Vista, Gilbert, Az. 85296  
David Dail 4912 W. Bluefield, Glendale, Az 85308  
John Murphy, 2108 Magnum Ct. Elverta, Ca. 95626  
Gerhardt Hoehn 710 W. Alamo Dr. Chandler, Az. 85225  
Ted Miller, 3838 E. Hopi Ave. Mesa, Az. 85206  
Todd Graffa 9755 E. Del Monte Ave. Gold Canyon, Az. 85218  
John Royere 1014 W. 10<sup>th</sup> Pl. Tempe, Az. 85281  
Gerald Brownlow P.O. Box 129 Pinetop, Az 85935  
Joe Nielson 301 Mariana Dr. Holbrook, Az 86025  
Vipul Shah 7246 N. Via de la Montana, Scottsdale, Az 85258-4024 Paid for Service  
Mark Greinke 657 E. Kiowa, Flagstaff, Az. 86001  
Paul Jokilehto 1860 N. thunderbird Dr. Apache Junction, Az 85220  
Steve Lingenfelter 15361 N. 85<sup>th</sup> Ave. Peoria, Az. 85381  
Chris Hansel 15605 E. Scorpion Dr. Fountain Hills, Az. 85268  
Brad Edimison 500 S. 93<sup>rd</sup>. Pl. Mesa, Az 85208  
Martin Fabritz P.O. Box 7116 Mesa Az 85216  
Tom Schold P.O. Box 1362 Camp Verde, Az 86322  
Lawrence Brogdon, P.O. Box 592, Camp Verde, Az 86322  
Nicholas Sheehan, P.O. Box 1242, Tonto Basin, Az. 85553  
Casey Hayes 10101 Stardust Trail Flagstaff, Az 86004  
Robert L. Palmer P.O. Box 555, Tonto Basin, Az 85553



*Item #2*

**ARROYO WATER COMPANY, INC.**  
**HC 6 Box 1048 L** *1049*  
**Payson, Arizona 85541**

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**Dear Tonto Basin Water Users!**

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**Please be advised:**

**As of this date: March 26, 2003, all payments, correspondence  
or questions will be addressed to:**

**ARROYO WATER COMPANY, INC.**  
**HC 6 Box 1048 L**  
**Payson, Arizona 85541**

**This address change takes effect immediately!**

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**Thank you for your prompt attention to this matter!**

*Docket # W-04286A -04-0774*

**ARROYO WATER COMPANY INC.**

**HC 6 BOX 1048-L  
PAYSON, ARIZONA 85541**

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April 28, 2003

Arroyo water customers,

As many of you may be aware the water system is in the process of changing ownership, pending the approval of the Arizona corporation commission (A.C.C.).

Upon final approval and transfer of ownership it is our intention to perform some much needed maintenance and upgrade to the system.

Local resident John Otton will continue operational functions on an uninterrupted bases.

Please make payment to Arroyo Water Company Inc. And mail to the above Payson address.

Thank you,

Enclosure:

- Current water bill

Item  
#3

Docket # W-04286A-04-0774

Attachment: E

## **ARROYO WATER COMPANY, INC.**

**HC 6 BOX 1048 L  
PAYSON, ARIZONA 85541**

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ARROYO WATER COMPANY has filed with the Arizona Corporation Commission an application for authority to provide Water service to an area in which records indicate that you are a property owner. If the application is granted, ARROYO WATER COMPANY, would be the exclusive provider of Water service to the proposed area. ARROYO WATER COMPANY, will be required by the Commission to provide this service under the rates and charges and terms and conditions established by the Commission. The granting of the application would not necessarily prohibit an individual from providing service to themselves from individually owned facilities on their property.

The application is available for inspection during regular business hours at the offices of the Commission in Phoenix at 1200 West Washington Street, Phoenix, Arizona 85007, and at ARROYO WATER COMPANY, HC 6 Box 1048 L Payson, Arizona 85541.

The Commission will hold a hearing on this matter. As a property owner you may have the right to intervene in the proceeding. If you do not want to intervene, you may appear at the hearing and make a statement on your own behalf. You may contact the Commission at the address and telephone number listed below for the date and time of the hearing and for more information on intervention. You may not receive any further notice of the proceeding unless requested by you.

If you have any questions or concerns about this application, have any objections to its approval, or wish to make a statement in support of it, you may contact the Consumer Services Section of the Commission at 1200 West Washington St., Phoenix, Arizona 85007 or call 1-800-222-7000/400.

*Docket # W-04286A-04-0774*

Arroyo Water Company, Inc.  
Docket No. W-04286A-04-0774  
Addressing Page 7.

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**Item #5 & Item 8**

**Item 5**

Existing well site:

Currently has a 12,000 gallon storage capacity.

Proposed improvements are to add one each 24,000 gallon bulk storage and one 2,000 gallon pressure tank.

Well Site:      Total anticipated storage: 38,000 gallons

East side site: (Refer to attached map)

Create new yard, complete with new 24,000 gallon tank and booster pump to maintain required pressure supplied by new 4" extension

East Side:      Total Anticipated Storage 24,000 gallons

TOTAL EAST & WELL SITE	24,000 + 36,000 gallons =	62,000
TOTAL REQUESTED BY ADEQ + ACC		40,000
EXCESS RESERVE (EXTRA) STORAGE		22,000

**Item 8**

Addressing Gila County Treasurer's Office certification of paid liens

Will be provided when the CC & N is granted guaranteeing ownership to Kyle Parker

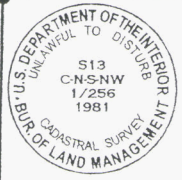
PARCEL 201-06-48D  
CEL 1 ROS 890

PARCEL A  
ROS 1170  
FEE No. 716844 G.C.R.

N89°52'29"E, 672.43'-R1  
N89°52'29"E, 672.40'-M  
BASIS OF BEARING  
N89°50'02"E, 672.35'-R.O.S. No. 522

Docket # W-04286A-04-0774

Arroyo  
East side  
STORAGE SITE



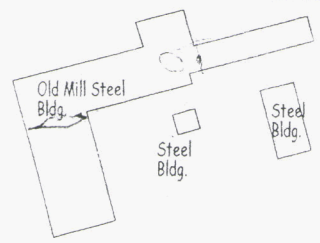
66' WIDE R/W  
F.D.R. No. 423  
MAP No. 522-522A, G.C.R.  
DOCKET 910, PAGE 373, G.C.R.

ASSESSOR PARCEL  
201-06-45  
FEE No. 93-639310, G.C.R.

PARCEL 1, R.O.S. NO. 1694, G.C.R.

PARCEL "B1"  
10.32 ACRES +/-

Owner  
Kyle Parker



N 0°53'09"E, 990.83'-R1  
N 0°53'09"E, 990.89'-M

608.71'-M

N89°42'19"E  
116.02'-M

PARCEL  
"B2"  
1.01  
acres

N 0°53'09"E, 382.18'-M

382.18'-M

116.02'-M

10' WIDE  
UTILITY EASEMENT

226.74'-M

N89°42'52"E, 105.01'-R1  
N89°43'52"E, 104.91'-M

N89°42'52"E, 230.00'-R1  
N89°43'54"E, 230.00'-M

PARCEL 3  
R.O.S. NO. 1750  
G.C.R.

N00°35'48"E, 189.50'-R1  
N00°34'34"E, 189.63'-M

230.00'-R1

N89°42'52"E, 335.01'-R1

PARCEL 4  
R.O.S. NO. 1750  
G.C.R.

N89°42'52"E  
335.00'-R1

PARCEL 5  
R.O.S. NO. 1750  
G.C.R.

N89°42'52"E  
335.00'-R1

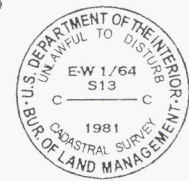
PARCEL 6  
R.O.S. NO. 1750  
G.C.R.

335.00'-R1  
334.96'-M

25' WIDE  
INGRESS, EGRESS,  
& UTILITY EASEMENT  
R.O.S. #1694, G.C.R.

FOREST DEVELOPMENT ROAD No. 423  
66' WIDE EASEMENT  
Docket 910, Pages 361-368 G.C.R. (Parcel 1)

The top of this monument  
has been bent from previous  
position.



N89°42'52"E, 677.44'-R  
N89°42'19"E, 677.72'-M

50' ROADWAY AND UTILITY EASEMENT  
Docket 910, Pages 361-368 G.C.R. (Parcel 4)



Item #6  
Nov. 7, 2006 11:14AM

Docket # W-04286A-04-0774  
3294 P. 2/12

JTP All Data Query

1/17/2006

NUMBER0	TINWSYS NAME	LAB ASGND ID	IDENTIFIC	TSANLYT NAME	CODE	COLLECT	CONC	UOM
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	O-DICHLOROBENZE	2968	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	DICHLOROMETHAN	2964	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	XYLENES, TOTAL	2955	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	SODIUM	1052	12/19/2005	29	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	SELENIUM	1045	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	NICKEL	1036	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	MERCURY	1035	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	CHROMIUM	1020	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	CADMIUM	1015	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	BARIUM	1010	12/19/2005	0.1	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	STYRENE	2996	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	ETHYLBENZENE	2992	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	TOLUENE	2991	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	BENZENE	2990	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	CHLOROBENZENE	2989	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	1,1,2-TRICHLOROET	2985	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	1,2-DICHLOROPROP	2983	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	CIS-1,2-DICHLOROE	2380	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	BERYLLIUM, TOTAL	1075	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	ARSENIC	1005	12/19/2005	0.002	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013V	EPDS001	1,2,4-TRICHLOROB	2378	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	2512190013I	EPDS001	THALLIUM, TOTAL	1085	12/19/2005	0	MG/L
AZ0404083	ARROYO WATER CO INC	5111202-01	DS001	COLIFORM (TCR)	3100	11/28/2005	0	
AZ0404083	ARROYO WATER CO INC	5110041-01	DS001	COLIFORM (TCR)	3100	10/31/2005	0	
AZ0404083	ARROYO WATER CO INC	5091108-01	DS001	COLIFORM (TCR)	3100	9/20/2005	0	
AZ0404083	ARROYO WATER CO INC	5080864-01	DS001	COLIFORM (TCR)	3100	8/15/2005	0	
AZ0404083	ARROYO WATER CO INC	53694	DS001	COLIFORM (TCR)	3100	7/6/2005	0	
AZ0404083	ARROYO WATER CO INC	53148	DS001	COLIFORM (TCR)	3100	6/13/2005	0	
AZ0404083	ARROYO WATER CO INC	52490	DS001	COLIFORM (TCR)	3100	5/10/2005	0	
AZ0404083	ARROYO WATER CO INC	51910	DS001	COLIFORM (TCR)	3100	4/12/2005	0	
AZ0404083	ARROYO WATER CO INC	51389	DS001	COLIFORM (TCR)	3100	3/16/2005	0	
AZ0404083	ARROYO WATER CO INC	50743	DS001	COLIFORM (TCR)	3100	2/9/2005	0	
AZ0404083	ARROYO WATER CO INC	50420	DS001	COLIFORM (TCR)	3100	1/24/2005	0	





# FACT SHEET

## Arsenic Information For Arizona Public Water Systems

### INTRODUCTION

In October 2001, the U.S. Environmental Protection Agency (EPA) announced its decision to lower the arsenic standard for public water systems from 0.05 mg/L to 0.010 mg/L (50 parts per billion (ppb) to 10 ppb, respectively). The effective date of the revised rule and new standard is January 23, 2006.

### WHAT IS THE PURPOSE OF THIS NEW ARSENIC STANDARD?

The purpose of the new standard is to protect public health by reducing the occurrence of carcinogenic (e.g., lung and bladder cancers) and non-carcinogenic (e.g. skin damage, circulatory disorders, etc.) diseases that can result from unhealthful levels of arsenic exposure.

### WHY MUST ARIZONA ENFORCE THE NEW ARSENIC STANDARD?

Arizona is a primacy state for purposes of implementing the federal Safe Drinking Water Act, which means the U.S. Environmental Protection Agency defers to Arizona to implement the Act. Arizona must enforce the new arsenic standard to maintain this primacy authority because the new arsenic standard is federal law.

### WHERE DOES ARSENIC COME FROM AND HOW DOES IT GET INTO DRINKING WATER SOURCES?

In Arizona, the primary source of arsenic in drinking water occurs from the leaching and erosion into ground-water of natural arsenic deposits found in geologic features.

### HOW WILL COMPLIANCE WITH THE NEW ARSENIC STANDARD BE DETERMINED?

Public water systems will not be considered in violation of the new arsenic standard until they have completed one year of quarterly sampling and the running annual average of those results exceeds 10 ppb. However, after January 23, 2006, the system will be immediately out of compliance if any quarterly sample result would cause the running annual average to exceed 10 ppb at any sampling point, that is, if any result is above 40 ppb. If a system does not collect all required samples, compliance will be based on the running annual average of the sample(s) collected.

### HOW MANY PUBLIC WATER SYSTEMS IN ARIZONA ARE IMPACTED BY THE NEW ARSENIC STANDARD OF 0.010 MG/L (10PPB)?

The revised arsenic rule not only lowered the standard to 10 ppb, but it also applied the standard to non-transient, non-community water systems as well (e.g., stand alone schools, business, etc.). As such, roughly one third of the 1000 community and non-transient, non-community water systems in Arizona have at least one source of water not meeting the new arsenic standard.

### WHEN DO WATER SYSTEMS NEED TO SAMPLE FOR ARSENIC UNDER THE REVISED RULES?

Public water systems should remain on their established inorganic contaminant (IOC) monitoring cycle. A public water system may contact ADEQ at (602) 771-4644 or toll free in state at (800) 234-5677, Ext. 771-4644 to verify its established monitoring cycle and initial monitoring year. Ground water entry points into the distribution system must be monitored for arsenic as follows:\*

\* If the system's Initial Monitoring Year is 1993, 1996, 1999, 2002 or 2005, sample for arsenic in 2005. If the analytical results are equal to or less than 10 ppb, the system is not required to monitor again until 2008 because ADEQ will "grandfather" data gathered prior to January 23, 2006 that meets the new standard. If the analytical results are greater than 10 ppb, the system must sample again on, or after, January 23, 2006, but no later than March 31, 2007 because compliance must be determined by December 31, 2007, which is the end of the second compliance period.

If the system's Initial Monitoring Year is 1994, 1997, 2000, 2003 or 2006, sample for arsenic in 2006. The system must initiate compliance monitoring no later than December 31, 2006. If the system collects samples for the time frame of January 1, 2006 through January 22, 2006 and the analytical results are less than or equal to 10 ppb, the system is not required to monitor again until 2009 because ADEQ will "grandfather" data gathered prior to January 23, 2006 that meets the new standard. If the analytical results are greater than 10 ppb, the system must sample again on, or after, January 23, 2006, but no later than March 31, 2007

Item # 6

*Item #6* *Docket #W-04286A-04-0774*

because compliance must be determined by December 31, 2007, which is the end of the monitoring cycle. If the system collects samples during the time frame of January 23, 2006 through December 31, 2006 and the analytical results are less than or equal to 10 ppb, the system is not required to monitor again until 2009. If the system collects samples during the time frame of January 23, 2006 through December 31, 2006 and the results are greater than 10 ppb, the water system must begin quarterly monitoring in the first quarter immediately following the routine sample.

If the system's Initial Monitoring Year is 1995, 1998, 2001, 2004 or 2007, sample for arsenic in 2007. The system must initiate compliance monitoring no later than March 31, 2007. If the analytical results are less than or equal to 10 ppb, the system is not required to monitor again until 2010. If the analytical results are greater than 10 ppb, the water system must begin quarterly monitoring in the second quarter of 2007 (April 1, 2007 through June 30, 2007).

Surface water entry points into the distribution system must monitor for arsenic as follows:\*

In all cases, sample for arsenic in 2006. The system must initiate compliance monitoring no later than March 31, 2006, as compliance must be determined by December 31, 2006 and four quarters of monitoring may be required. If the analytical results are less than or equal to 10 ppb, the system is not required to monitor again for the remainder of 2006. If the analytical results are greater than 10 ppb, the water system must begin quarterly monitoring in the second quarter of 2006 (April 1, 2006 through June 30, 2006).

\* Water systems participating in ADEQ's Monitoring Assistance Program (MAP) will not be required to conduct baseline (routine) monitoring on their own, as all baseline monitoring requirements for LOCs, including arsenic, are covered under MAP. However, increased compliance monitoring (e.g., quarterly sampling) is not covered by MAP.

### WHAT ARE THE TREATMENT OPTIONS FOR IMPACTED WATER SYSTEMS AND WHO DO I CONSULT?

There are many treatment options available and allowed by rule for impacted water systems.

- **Disconnection:** Some systems have the option to simply disconnected unsuitable wells as they may not be needed to meet current system production demands.

- **Source Rehabilitation:** Systems also may have the option to rehabilitate existing wells and/or develop new sources in areas with less arsenic.
- **Blending:** Systems also may blend water from two or more sources to lower arsenic levels from a nonconforming source(s).
- **Centralized Treatment:** Various centralized treatment options are available including, but not limited to, ion exchange, adsorptive processes, filtration and reverse osmosis.
- **Point-of-use (POU):** POU treatment may be a viable option for smaller water systems and commonly include "under the sink" reverse osmosis technologies (please see Arizona Point of Use Compliance Program Guidance Manual available at [www.azdeq.gov/enviro/water/download/pointofuse.pdf](http://www.azdeq.gov/enviro/water/download/pointofuse.pdf)).

Regardless of the treatment option selected, certain plan, engineering and/or permit review and approval requirements will apply.

### CAN I GET AN EXTENSION FOR THE NEW ARSENIC STANDARD?

Yes, time extensions to meet the new arsenic standard are available, however it is important to note, water systems must be able to demonstrate that several conditions exist preventing them from meeting the applicable compliance dates in order to qualify. The specific time extension requirements can be found in Arizona Administrative Code (A.A.C. R18-4-111) or ADEQ's "Determining Compliance With the Revised Arsenic Standard" policy. In general, a water system that:

- demonstrates "compelling factors" that make it unable to comply with the new standard,
- is unable to make changes to comply with the new standard, and
- is taking "all practicable steps" to meet the new standard

may be eligible for an extension to January 23, 2009. Systems making the demonstration and serving less than 3,300 people may be granted an additional extension to January 23, 2015.

### FOR MORE INFORMATION CONTACT:

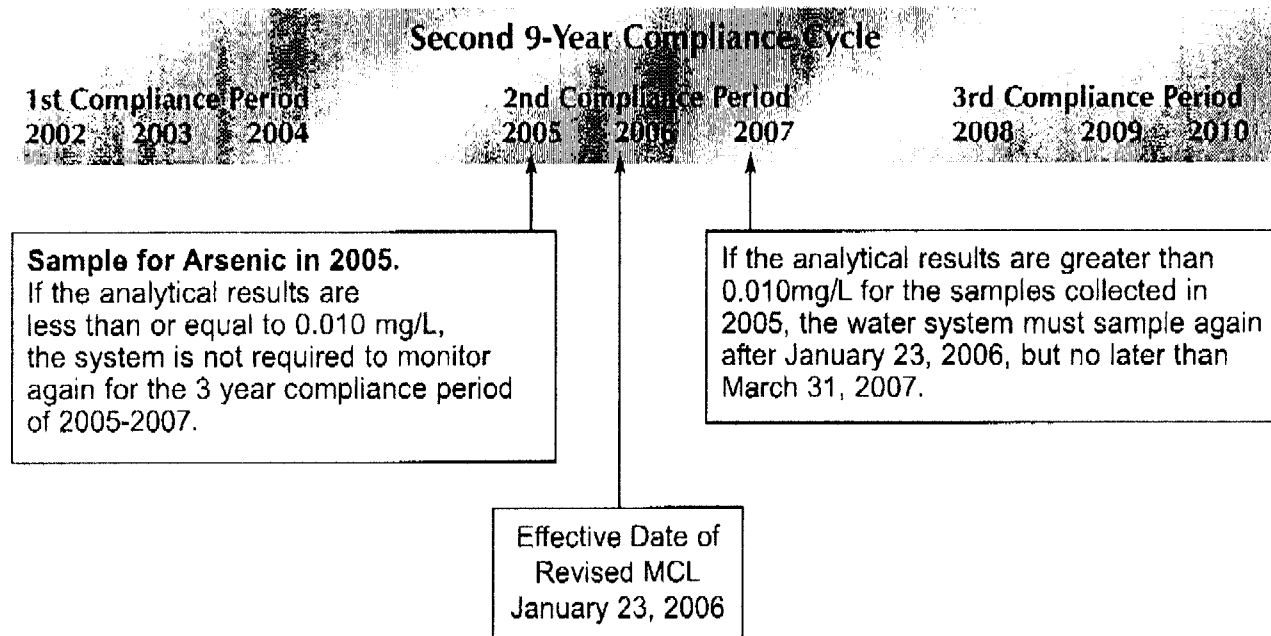
ADEQ's Drinking Water Program  
1110 W. Washington St.  
Phoenix, AZ 85007  
(602) 771-4644  
toll free in-state at (800) 234-5677, Ext. 771-4644



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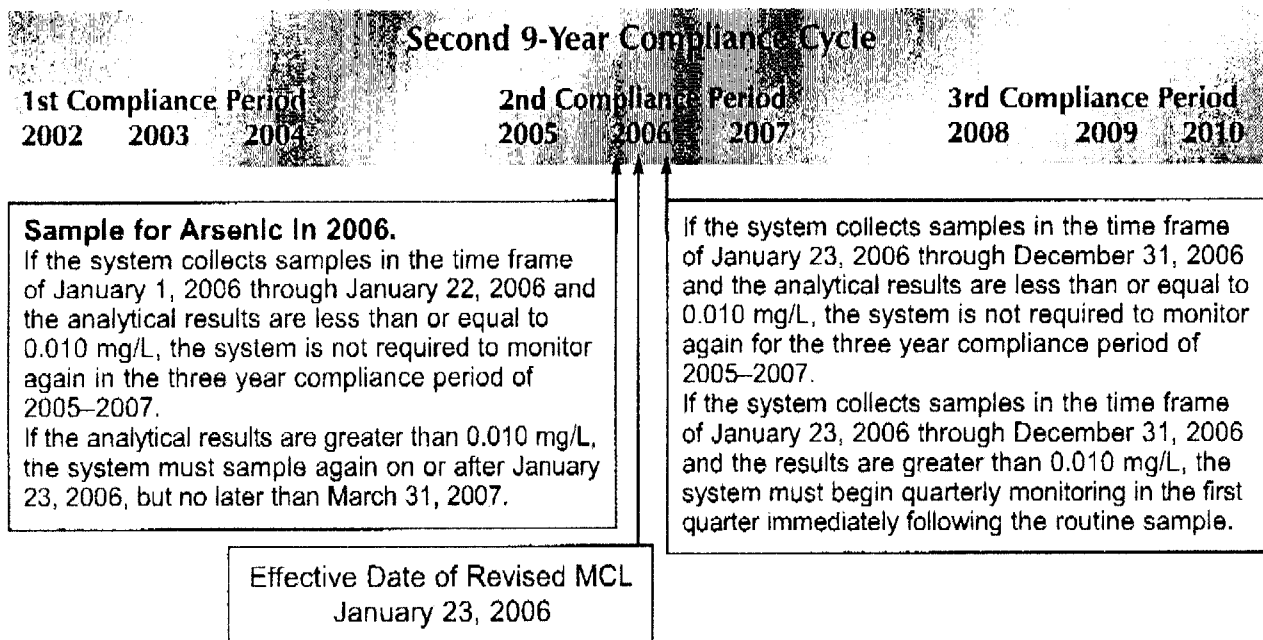
## Groundwater Arsenic Sampling Scenario - Chart 1 Initial Monitoring Years of 1993, 1996, 1999, 2002 or 2005

First Compliance Cycle (1993 - 2001) Rule Finalized on January 23, 2001



## Groundwater Arsenic Sampling Scenario - Chart 2 Initial Monitoring Years of 1994, 1997, 2000, 2003 or 2006

First Compliance Cycle (1993 - 2001) Rule Finalized on January 23, 2001

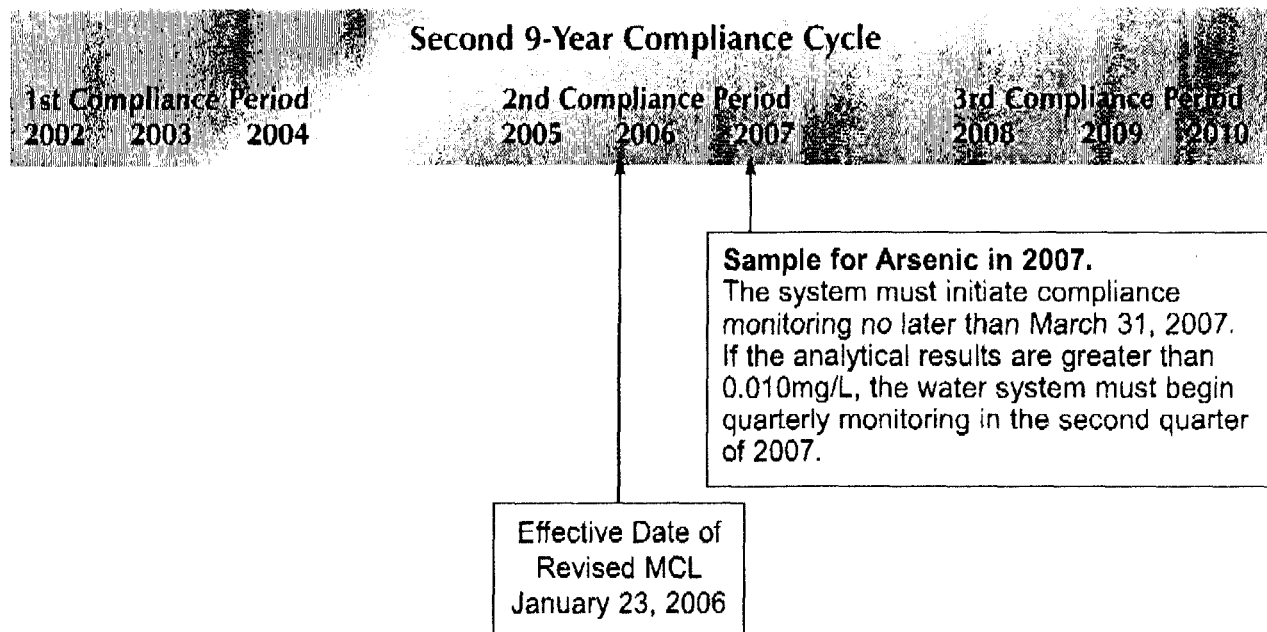


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## Groundwater Arsenic Sampling Scenario - Chart 3

### Initial Monitoring Years of 1995, 1998, 2001, 2004 or 2007

First Compliance Cycle (1993 - 2001) Rule Finalized on January 23, 2001



## Surface Water Arsenic Sampling Scenario - Chart 4

### Initial Monitoring Years of 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 or 2006

First Compliance Cycle (1993 - 2001) Rule Finalized on January 23, 2001

